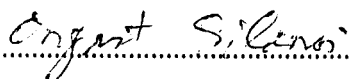



INDEPENDENT STUDY TITLE : THE COMPUTER ASSISTED INSTRUCTION ON
COBOL PROGRAMMING SUBJECT IN PICTURE
CLAUSE FOR DIPLOMA IN BUSINESS
ASMINISTRATION TECHNOLOGY STUDENTS

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ABSTRACT

The purpose of this study was produced the program the computer assisted instruction on Cobol Programming Subject in PICTURE Clause, Curriculum of Diploma in Business Administration Technology, 2536 B.E. , to be efficiency as criteria 80/80 and valued effectiveness index from .50 up.

The samples of this study were students of Diploma in Business Administration Technology students, Computer Department, Khonkaen Vocational College, Amphoe Muang, Changwat Khonkaen. The samples were forty-two students of first semester in 1997 academic year, selected by the sample random sampling technique. The experiment of computer assisted instructional program for criteria's efficiency was separated to be three groups: One by two testing with students, Small group testing with 9 students, and Field testing with 30 students. The tutorial instructional computer assisted instructional program was a linear program with 92 frames.

The result of this study founded that computer assisted instructional program had an efficiency as criteria 85.07/84.33 and had valued effectiveness index at 0.68 higher than expected criteria. That means the computer assisted instructional program can help the students to understand their lesson as the purpose of this study.